

jc931 U.S. PTO
01/25/02

PTO/SB/05 (11-00)

Approved for use through 10/31/2002 OMB 0651-0032

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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new non provisional applications under 37 CFR 1.53(b))

Attorney Docket No. N.C. 83,636

First Inventor LEE

Title ULTRASONIC FORCE DIFFERENTIATION ASSAY

Express Mail Label No.

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)

2. Applicant claims small entity status.
See 37 CFR 1.27.

3. Specification [Total Pages 49] /
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table,
 or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure

4. Drawing(s) (35 U.S.C. 113) [Total Sheets 2] /

5. Oath or Declaration [Total Pages 1] /
 a. Newly executed (original or copy)
 b. Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 18 completed)

DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR
1.63(d)(2) and 1.33(b).

6. Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

7. CD-ROM or CD-R in duplicate, large table or
Computer Program (Appendix)

8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 a. Computer Readable Form (CRF)
 b. Specification Sequence Listing on:
 CD-ROM or CD-R (2 copies); or
 paper
 c. Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. Assignment Papers (cover sheet & document(s))

10. 37 CFR 3.73(b) Statement Power of
(when there is an assignee) Attorney

11. English Translation Document (if applicable)

12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS
 Preliminary Amendment

14. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)

15. Certified Copy of Priority Document(s)
(if foreign priority is claimed)

16. Request and Certification under 35 U.S.C. 122
(b)(2)(13)(i). Applicant must attach form PTO/SB/35
or its equivalent.

17. Other: _____

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment,
or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIP)

of prior application No 09 533,230

Prior application information

Examiner P. DO

Group Art Unit 1641

For CONTINUATION OR DIVISIONAL APPS only The entire disclosure of the prior application, from which an oath or declaration is supplied under
Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference.
The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts**19 CORRESPONDENCE ADDRESS**

<input checked="" type="checkbox"/> Customer Number or Bar Code Label	(Insert Customer No. or Attach bar code label here)			or	<input type="checkbox"/> Correspondence address below
Name	Naval Research Laboratory, Code 1008.2				
Address	4555 Overlook Ave., S.W., Code 1008.2				
City	Washington	State	DC	Zip Code	20375-5320
Country	US	Telephone	202-404-1552		Fax 202-404-7380

Name (Print/Type)	John J. Karasek	Registration No. (Attorney/Agent)	36,182
Signature			
	Date 1/18/02		

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

J1046 U.S. PTO
10/05/945

01/25/02

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FEE TRANSMITTAL

for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 992)

Complete if Known

Application Number	NOT YET ASSIGNED
Filing Date	
First Named Inventor	LEE
Examiner Name	NOT YET ASSIGNED
Group Art Unit	NOT YET ASSIGNED
Attorney Docket No.	83,636

METHOD OF PAYMENT

1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to

Deposit Account Number

50-0281

Deposit Account Name

Naval Research Laboratory

Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

Applicant claims small entity status, See 37 CFR 1.27

2. Payment Enclosed:

Check Credit card Money Order Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Small Entity
Fee Fee Fee Fee Description
Code (\$) Code (\$)

101 740 201 370 Utility filing fee

740

106 330 206 165 Design filing fee

107 510 207 255 Plant filing fee

108 740 208 370 Reissue filing fee

114 160 214 80 Provisional filing fee

SUBTOTAL(1) (\$ 740)

2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
10	-20-	=	0
Independent Claims	6	- 3" =	252
Multiple Dependent			

Large Entity Small Entity

Fee Fee Fee Fee Description
Code (\$) Code (\$)

103 18 203 9 Claims in excess of 20

102 84 202 42 Independent claims in excess of 3

104 280 204 140 Multiple dependent claim, if not paid

109 84 209 42 ** Reissue independent claims over original patent

110 18 210 9 Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 252)

** or number previously paid, if greater, For Reissues, see above

3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)		
105 130 205 65 Surcharge - late filing fee or oath			
127 50 227 25 Surcharge - late provisional filing fee or cover sheet			
139 130 139 130 Non-English specification			
147 2,520 147 2,520 For filing a request for ex parte reexamination			
112 920* 11 2 920* Requesting publication of SIR prior to Examiner action			
113 1,840* 113 1,840* Requesting publication of SIR after Examiner action			
115 110 215 55 Extension for reply within first month			
116 400 216 200 Extension for reply within second month			
117 920 217 460 Extension for reply within third month			
118 1,440 218 720 Extension for reply within fourth month			
128 1,960 228 980 Extension for reply within fifth month			
119 320 219 160 Notice of Appeal			
120 320 220 160 Filing a brief in support of an appeal			
121 280 221 140 Request for oral hearing			
138 1,510 138 1,510 Petition to institute a public use proceeding			
140 110 240 55 Petition to revive - unavoidable			
141 1,280 241 640 Petition to revive - unintentional			
142 1,280 242 640 Utility issue fee (or reissue)			
143 460 243 230 Design issue fee			
144 620 244 310 Plant issue fee			
122 130 122 130 Petitions to the Commissioner			
123 50 123 50 Processing fee under 37 CFR 1.17(c)			
126 180 126 180 Submission of Information Disclosure Stmt			
581 40 581 40 Recording each patent assignment per property (times number of properties)			
146 740 246 370 Filing a submission after final rejection (37 CFR § 1,129(a))			
149 740 249 370 For each additional invention to be examined (37 CFR § 1 129(b))			
179 740 279 370 Request for Continued Examination (RCE)			
169 900 169 900 Request for expedited examination of a design application			
Other fee (specify) _____			
*Reduced by Basic Filing Fee Paid			
SUBTOTAL (3) (\$ 0)			

SUBMITTED BY

Name (Print/Type)	John J. Karasek	Registration No. (Attorney/Agent)	36,182	Complete (if applicable) Telephone	202-404-1552
Signature				Date	1/23/02

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